

Fundamentals of Organic Chemistry – Chemistry 224A

Summer B-Term 2012 Syllabus

Instructor: Joshua A. Davies, Ph.D
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Office Hours: W 3:30 – 5:00 pm; TR 9:30 – 11:00 am, and by appointment, BAG 331B

Class Times: MWF 01:10 – 3:20 pm, Bagley 154

Course Website: <https://catalyst.uw.edu/workspace/chemsu12/31414/210131>

Teaching Assistants: AA, AB – Matthew Chang (changm3@uw.edu)
AC, AD – Dmitry Liskin (dliskin@uw.edu)

Grading Criteria:

Quiz 1:	July 26 th (quiz section)	50 points
Midterm:	Aug. 1 st	125 points
Quiz 2:	Aug. 9 th (quiz section)	50 points
Final Exam:	Aug. 15 th	220 points

Catalog Course Description:

CHEM 224 Organic Chemistry - Short Program (4) NW Continuation of CHEM 223. Structure, nomenclature, properties, and reactions of aldehydes, ketones, carboxylic acid derivatives, amines, carbohydrates, lipids, amino acids, peptides, proteins, and nucleic acids. No laboratory accompanies this course, but CHEM 241 laboratory may be taken concurrently. No more than 4 credits can be counted toward graduation from the following course group: CHEM 224, CHEM 239, CHEM 337. Prerequisite: 1.7 in CHEM 223. Offered: WS.

Textbooks:

- “Fundamentals of Organic Chemistry” McMurry/Simanek; 6th Ed.
- “Study Guide and Solutions Manual for McMurry’s Fundamentals of Organic Chemistry” S. McMurry; 6th Ed. (Recommended)

Homework:

Although there will be no graded homework, suggested study problems will be listed for each chapter. Given the fast pace of the course, I recommend that you get access to the “Study Guide and Solutions Manual” for this text. You will need it to determine whether you are answering the suggested problems correctly.

Tentative schedule (Test and quiz dates are fixed):

Week of:	Monday	Tuesday	Wednesday	Thursday	Friday
July 16 th	<i>Finish Ch. 9</i>		223 Final	No sections	Ch. 10
July 23 rd	Ch. 10-11	Problems	Ch. 11-12	Quiz 1 (10-11.6)	Ch. 12 Ch. 13 (MS, UV)
July 30 th	Ch. 13 (IR)	Problems	Midterm Ch. 13 (NMR)	Go over Midterm	Ch. 13 (NMR d table); Ch. 14
Aug 6 th	Ch. 14	NMR	Ch. 14 Ch. 15	Quiz 2	Ch. 15
Aug 13 th	Ch. 15 Ch. 16	Review Session	224 FINAL		Ch. 16-17 (selected sec.)

Lectures:

The coverage will be Chapters 10 – 15 (maybe some of 16 and 17). Specific sections within chapters that will not be covered on tests will be indicated in class and on the course web page (Study guide). We will cover about two chapters per week. I recommend that you print out the lecture notes and bring them to class. You will find this much easier than trying to take detailed notes and then reconciling them with the posted material.

Attendance Policy:

Please arrive on time for class as late arrivals will interrupt our lectures, discussions, quizzes, and exams.

Quizzes, or exams will not be made-up unless there are extenuating circumstances that cause a student to miss a test. The instructor will assess the validity of these extenuating circumstances. If you miss the final, you get an incomplete to be made up the next time that Chem 224 is taught.

Technology in the Classroom:

Please turn off all cell phones before the start of class.

Academic Integrity:

You are responsible for knowing what constitutes a violation of the University of Washington Student Code, and you will be held responsible for any such violations whether they were intentional or not.

For crucial information regarding academic integrity, please see the UW policy on academic integrity at <http://www.washington.edu/uaa/advising/help/academichonesty.php>

Disability Support Services:

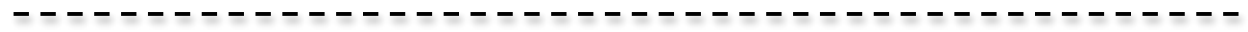
If you believe that you have a disability and would like academic accommodations, please contact Disability Support Services at uwdss@u.washington.edu or (206) 543-8924. If you have a letter from Disabled Student Services indicating that you have a disability that requires academic accommodations, please present the letter to me so we can discuss your needs.

Exam Policies:

No calculators (or electronic devices of any kind) are allowed during the exams, as there will be no difficult numerical calculations required. You may bring and use a 3 by 5 notecard (both sides for the final only), molecular models, and the spectroscopy handout. You may use only black or blue ink, or pencil on tests. All tests will have been photocopied before they are returned to you. TAs will return exams only during quiz section or at their offices at times they designate.

Requesting a regrade:

All requests must be made within 3 days of exam return. Exams will not be regraded if you have added material on the test (which will have been photocopied). When a regrade is requested, the entire exam will be evaluated, and regrades could occur on other questions besides that thought to be incorrectly scored. Discuss a regrade with your TA prior to requesting one. The signed form below must be attached to your exam when you submit it for a regrade.



Please re-grade question(s) _____
Please check addition on page(s) _____ question(s) _____

I understand that my exam may have been photocopied before it was returned to me. I certify that I have not altered anything on my exam after it was returned. I understand that if I am found to have altered anything on my exam, I will receive a grade of 0.0 on the complete exam.

Signature Date UW ID # _____